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	APPLICATION NO.	FIL	ING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/099,855		03	3/14/2002	Takahiro Ogawa	KOBAY18.001AUS	4485	
	20995	20995 7590 06/17/2004		EXAMINER		•	
	KNOBBE M 2040 MAIN S		OLSON & BEAR LLP		NGUYEN, KHIEM M		
	FOURTEENTH FLOOR				ART UNIT	PAPER NUMBER	
	IRVINE, CA	92614		2839		•	

DATE MAILED: 06/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Eatheristics of time many be available under the promised of 3° CFR 1.13(a). In no event, however, may a reply be timely filed Eatheristics of time many be available under the promised of 3° CFR 1.13(a). In no event, however, may a reply be timely filed If the period for reply specified above is less than thirty (30) days, a reply within the statulory maintained for reply is predicted above is less than thirty (30) days, a reply within the statulory maintained for reply is predicted by the state of the promised period for reply with the state of the promised period for reply within the state of the promised period for reply within the state of the promised period for reply within the state of the promised period for reply within the state of the promised period for reply within the state of the promised period for reply within the state of the promised period for reply within the state of the promised period for reply within the state of the communication. False of the promised period for reply within the state of the communication. False of the communication is finally as a state of the communication of the communication. The promised period for reply septiment. Application of Claims 4) ② Claim(s) 1-28 is/are pending in the application. 4) ② Claim(s) 1-28 is/are rejected. 7) ② Claim(s) 1-28 is/are rejected to. 8) ② Claim(s) 1-16 are subject to restriction and/or election requirement. Application Papers 9) ③ The specification is objected to by the Examiner. 10) ⑤ The drawing(s) filed on is/are: a) ⑤ accepted or b) ⑥ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 3° CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) objected to. See 3° CFR 1.121(d). 11) ⑤ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ○ All b) ⑥ Som		Application No.	Applicant(s)						
## Line Modern Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ③ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ③ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. If the period for reply specified shows is less than fifty (50) days, a major within the statistic with the correspondence and drive state 3X; (9) (100 MINTHS from the maining date of this communication of this (30) days will be considered timely. If the period for reply specified shows he maximum state 7 is (9) (100 MINTHS from the maining date of this communication of the statistic will be considered timely. If the period for reply specified shows he maximum state 7 is (9) days, a major will be statistic will be considered timely. If the period for reply specified shows he maximum state 7 is (9) days, a major will be statistic will be considered timely. If the period for reply is specified shows he maximum state 7 is (9) days, a major will be statistic will be considered timely. If the period for reply is period to the statistic period and specified and period of the communication. A pright received by the Office lister than three months after the mailing date of the communication, even if smally filed, may reduce any seamed period than 50 period of the communication. A pright received the specified time of the statistic period of the communication. Status A part of the application is condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims A polication of the above claim(s) 1-16 is/are withdrawn from consideration. A polication is period to the application. A polication is specification is objected to by the Examiner. A polication Papers 9) The specification is objected to by the Examiner. A polication Papers 9) The declaration is objected to by the Examiner. Note the attached Office Action or form	Office Action Summers	10/099,855	OGAWA ET AL.						
The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Examiles of tore may be available under the provision of 37 CFR 135(a). In no event, however, may a reply be timely filed Examiles of tore may be available under the provision of 37 CFR 135(a). In no event, however, may a reply be timely filed Examiles of the period for reply specified above is less than they (30) days, a reply which the statutory minimum of thirty (30) days will be considered simely. If the period for reply specified above is less than they (30) days, a reply which the statutory minimum of thirty (30) days will be considered simely. If the period for reply specified above is less than they (30) days, a reply which the statutory provided above the speciment of the communication. Fairwis to topic which the set of extended period for reply will, by advanted, paging and velocing 50 (b) (MOTHS from the malling date of this communication. Fairwis to topic which the set of extended period for reply will, by advanted period for reply speciment to the communication. Fairwis to topic which the set of extended period for reply which the set of extended period for reply speciment of the communication. Fairwis to the set of extended period for reply advantage and the set of the communication. Status 1 S Responsive to communication(s) filled on 51/20. Claim(s)	Office Action Summary	Examiner	Art Unit						
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This action is FINAL. 2b This action is non-final. 3ct This action is FINAL. 2b This action is non-final. 3ct This action is FINAL. 2b This action is non-final. 3ct This action is splication is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.	 THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any 								
2a) This action is FINAL. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 Claim(s) 1-28 is/are pending in the application. 4a) Of the above claim(s) 1-16 is/are withdrawn from consideration. 5 Claim(s) 1-28 is/are rejected. 7 Claim(s) 1-16 are subjected to. 8 Claim(s) 1-16 are subjected to by the Examiner. 10 The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Application Papers 9 The specification is objected to by the Examiner. 10 The drawing(s) filed on is/are: a) accepted or b objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to See 37 CFR 1.121(d). 11 The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 10 Notice of Preferences Cited (PTO-892) 11 Notice of Preferences Cited (PTO-1449 or PTO/58/08) 12 Notice of Informal Patent Application (PTO-152)	Status		&						
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Application/Control Number: 10/099,855 Page 2

Art Unit: 2839

DETAILED ACTION

Election/Restrictions

1. This application contains claims 1-16 drawn to an invention nonelected with traverse in the reply filed on 4/5/04. A complete reply to the final rejection must include cancelation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 17-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Admitted Prior Art (APA) in view of Johnescu et al. and Plagge et al.
- 4. The APA guide pins for optical connectors as being discussed and shown in figures 36-38 of the background of the present application contain substantially all the limitations as being recited in the claims of the instant invention. However, it is noted that in the APA, adhesives are used to secure the guide pins to their respective connector housing and not by interference fittings, wherein an outer diameter of the fixing portion is larger than an outer diameter of a remaining portion of the guide pin or wherein the fixing portion has a plurality of engagement protrusions configured to engage an inner peripheral surface of the guide pin hole.

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Application/Control Number: 10/099,855

be applied in a separate step or operation.

Art Unit: 2839

Johnescu et al. shows guide pin or post 6 secured to connector housing by an interference fitting, wherein an outer diameter of the fixing portion 10 is larger than an outer diameter of a remaining portion of the guide pin. Plagge et al. shows that it is known to use a plurality of engagement protrusions 34 (figure 3c) configured to engage an inner peripheral surface to retain his pins 32 to it connector housing.

Therefore, it would have obvious for one of ordinary skill in the art to provide the APA guide pins with fixing portions, wherein an outer diameter of the fixing portion is larger than an outer diameter of a remaining portion of the guide pin or wherein the fixing portion has a plurality of engagement protrusions configured to engage an inner peripheral surface of the guide pin hole in view of the teachings of Johnescu et al. and Plagge et al. Providing the above retaining features for the fixing portions of the APA guide pins would allow the pins to be secured to their respective connector housing by a mechanical interference fit and eliminate the need for adhesive which would have to

Page 3

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Yamazaki et al. is further cited to show the use of guide pins in optical connectors.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khiem Nguyen whose telephone number is 571 272-2096. The examiner can normally be reached on Mon-Fri.

Application/Control Number: 10/099,855

Art Unit: 2839

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on 571 272-2800 ext 39. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Khiem Nguyen
Primary Examiner
Art Unit 2839

Page 4